

Ringberg 2024: 2nd Workshop on Tools for High Precision LHC Simulations

Report of Contributions

Contribution ID: 1

Type: **not specified**

Departure from Munich

Wednesday, 8 May 2024 11:45 (1h 15m)

Contribution ID: 2

Type: **not specified**

Check-In at the Castle

Wednesday, 8 May 2024 15:00 (20 minutes)

Contribution ID: 3

Type: **not specified**

Latest highlights by CMS

Wednesday, 8 May 2024 15:30 (40 minutes)

Presenter: LONG, Kenneth

Session Classification: Experimental Talks

Contribution ID: 4

Type: **not specified**

Latest highlights by ATLAS

Wednesday, 8 May 2024 16:25 (40 minutes)

Presenter: MUSKINJA, Miha

Session Classification: Experimental Talks

Contribution ID: **10**

Type: **not specified**

MiNNLO for the production of a heavy-quark pair (plus a colour singlet)

Thursday, 9 May 2024 11:45 (30 minutes)

Presenter: MAZZITELLI, Javier

Session Classification: Monte Carlo & Matching

Contribution ID: 16

Type: **not specified**

Recent progress in QCD Calculations

Wednesday, 8 May 2024 17:20 (30 minutes)

Presenter: CAOLA, Fabrizio

Session Classification: Fixed Order Calculations

Contribution ID: 20

Type: **not specified**

Towards NNLO simulations matched to parton showers for processes with final-state jets in GENEVA

Thursday, 9 May 2024 11:00 (30 minutes)

Presenter: ALIOLI, Simone

Session Classification: Monte Carlo & Matching

Contribution ID: **31**

Type: **not specified**

Welcome and organisational information

Wednesday, 8 May 2024 15:20 (10 minutes)

Contribution ID: 39

Type: **not specified**

Closing and final remarks

Saturday, 11 May 2024 11:15 (15 minutes)

Contribution ID: 40

Type: **not specified**

Recent progress in EW Calculations

Wednesday, 8 May 2024 18:05 (30 minutes)

Presenter: DENNER, Ansgar

Session Classification: Fixed Order Calculations

Contribution ID: 41

Type: **not specified**

The path to NNLL accurate parton showers

Thursday, 9 May 2024 09:45 (30 minutes)

Presenter: KARLBERG, Alexander

Session Classification: Parton Showers & Resummation

Contribution ID: 42

Type: **not specified**

High precision predictions for a new suite of Lund-based observables

Thursday, 9 May 2024 09:00 (30 minutes)

Presenter: ONTOSO, Alba

Session Classification: Parton Showers & Resummation

Contribution ID: 43

Type: **not specified**

Higgs production through bottom annihilation in 5FS with MiNNLO

Thursday, 9 May 2024 14:00 (20 minutes)

Presenter: SANKAR, Aparna

Session Classification: Monte Carlo & Matching

Contribution ID: 44

Type: **not specified**

NNLO+PS predictions for bbH production in four flavour scheme

Thursday, 9 May 2024 14:30 (20 minutes)

Presenter: BIELLO, Christian

Session Classification: Monte Carlo & Matching

Contribution ID: 45

Type: **not specified**

Resolution observables in NNLO+PS matching through MiNNLO and Geneva

Thursday, 9 May 2024 15:00 (30 minutes)

Presenter: ROTTOLI, Luca

Session Classification: Monte Carlo & Matching

Contribution ID: 46

Type: **not specified**

Power corrections in collider processes

Thursday, 9 May 2024 16:15 (30 minutes)

Presenter: NASON, Paolo

Session Classification: Alpha_s and PDFs

Contribution ID: 47

Type: **not specified**

Recent progress on PDFs and N3LO PDFs

Thursday, 9 May 2024 17:00 (30 minutes)

Presenter: GIANI, Tommaso

Session Classification: Alpha_s and PDFs

Contribution ID: 48

Type: **not specified**

MATRIX alle Hawaii –PineAPPL interpolation grids at NNLO accuracy

Thursday, 9 May 2024 17:45 (30 minutes)

Presenter: KALLWEIT, Stefan

Session Classification: Alpha_s and PDFs

Contribution ID: 49

Type: **not specified**

Precise QCD for associated top production

Friday, 10 May 2024 09:00 (30 minutes)

Presenter: DEVOTO, Simone

Session Classification: Fixed Order Calculations

Contribution ID: 50

Type: **not specified**

Complete NLO corrections to top-quark pair production with isolated photons

Friday, 10 May 2024 09:45 (30 minutes)

Presenter: WOREK, Malgorzata

Session Classification: Fixed Order Calculations

Contribution ID: 51

Type: **not specified**

Introduction to loop calculations and recent developments

Friday, 10 May 2024 11:00 (30 minutes)

Presenter: BUCCIONI, Federico

Session Classification: Loop Calculations

Contribution ID: 52

Type: **not specified**

Recent developments in multi-scale loop scattering amplitudes

Friday, 10 May 2024 11:45 (30 minutes)

Presenter: SOTNIKOV, Vasily

Session Classification: Loop Calculations

Contribution ID: 53

Type: **not specified**

Planar two-loop integrals for WW+jet production at the LHC

Friday, 10 May 2024 14:00 (30 minutes)

Presenter: ABREU, Samuel

Session Classification: Loop Calculations

Contribution ID: 54

Type: **not specified**

Recent Calculations in QCD: $gg \rightarrow ZZ$ @ NLO, towards N3LO DGLAP

Friday, 10 May 2024 14:45 (30 minutes)

Presenter: VON MANTEUFFEL, Andreas

Session Classification: Loop Calculations

Contribution ID: 55

Type: **not specified**

Subleading effects in soft-gluon emission at one-loop in massless QCD

Friday, 10 May 2024 16:00 (30 minutes)

Presenter: CZAKON, Michal

Session Classification: Fixed Order Calculations

Contribution ID: 56

Type: **not specified**

Fiducial-cut effects in polarisation and spin-correlation coefficient extraction in diboson events at the LHC

Friday, 10 May 2024 16:45 (30 minutes)

Presenter: PELLICOLI, Giovanni

Session Classification: Fixed Order Calculations

Contribution ID: 57

Type: **not specified**

Top-Bottom Interference Contribution to Fully-Inclusive Higgs Production

Friday, 10 May 2024 17:30 (30 minutes)

Presenter: NIGGETIEDT, Marco

Session Classification: Fixed Order Calculations

Contribution ID: 58

Type: **not specified**

QCD+QED resummation effects in RadISH

Saturday, 11 May 2024 09:00 (30 minutes)

Presenter: BUONOCORE, Luca

Session Classification: Parton Showers & Resummation

Contribution ID: 59

Type: **not specified**

Zero-jettiness soft function at N3LO

Saturday, 11 May 2024 10:30 (30 minutes)

Presenter: WANG, Chen-Yu

Session Classification: Parton Showers & Resummation

Contribution ID: **60**

Type: **not specified**

N3LO N-jettiness Beam functions

Saturday, 11 May 2024 09:45 (30 minutes)

Presenter: BEHRING, Arnd

Session Classification: Parton Showers & Resummation